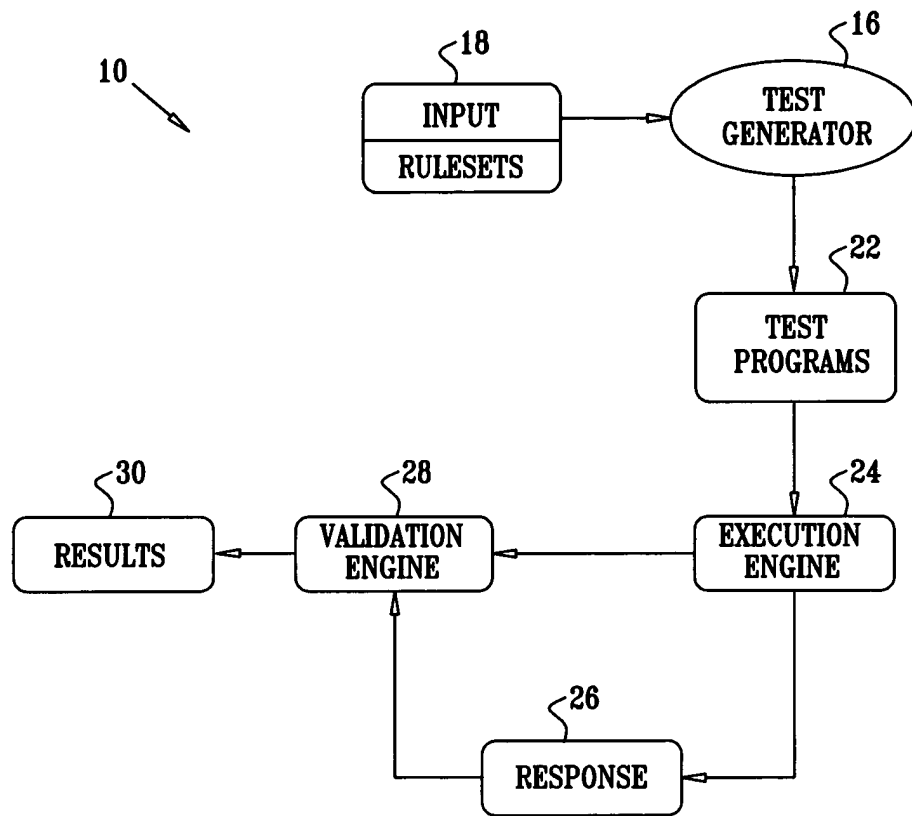
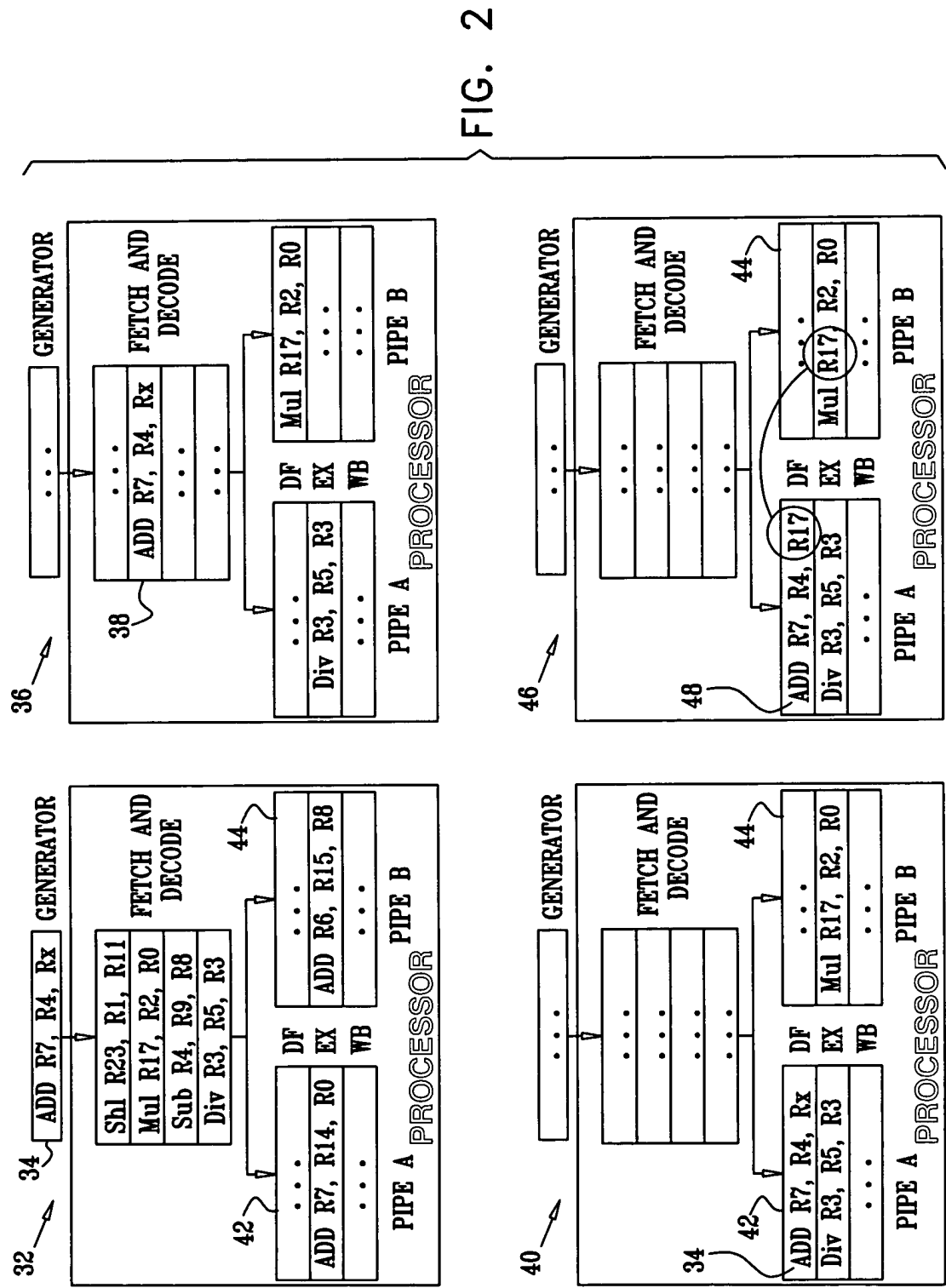


FIG. 1





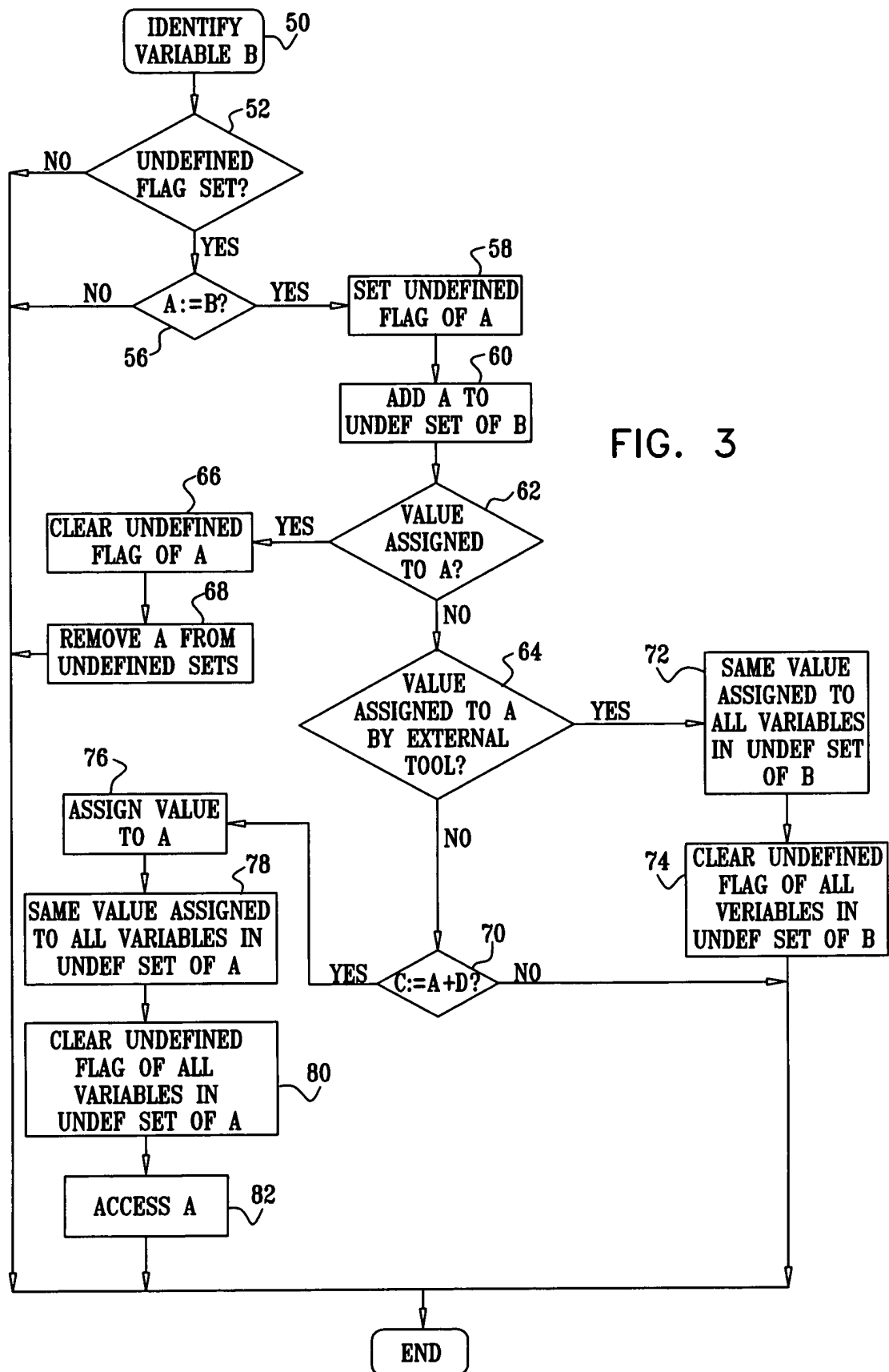


FIG. 4

INPUTS		BASIC ALGORITHM			"SMART" RESOLUTION		
A	B	A	B	Y	A	B	Y
0	0	0	0	0	0	0	0
0	1	0	1	0	0	1	0
0	$U_B$	0	$R_B$	0	0	$U_B$	0
1	0	1	0	0	1	0	0
1	1	1	1	1	1	1	0
1	$U_B$	1	$R_B$	$R_B$	1	$U_B$	$U_B$
$U_A$	0	$R_A$	0	0	$U_A$	0	0
$U_A$	1	$R_A$	1	$R_A$	$U_A$	1	$U_A$
$U_A$	$U_B$	$R_A$	$R_B$	$R_A \cdot R_B$	$R_A$	$R_B$	$R_A \cdot R_B$

FIG. 5

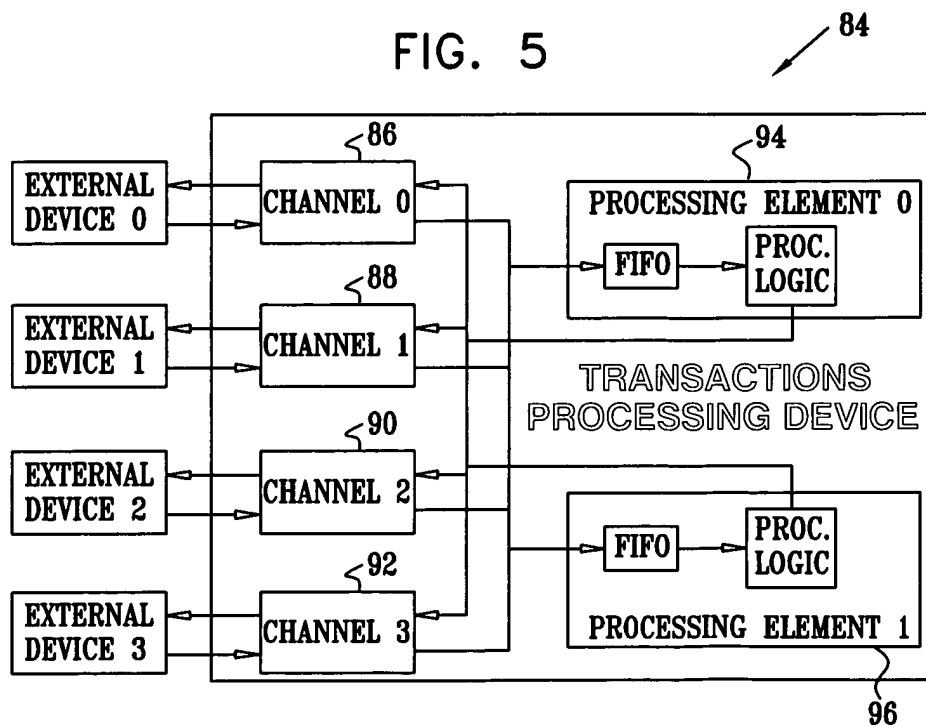


FIG. 6

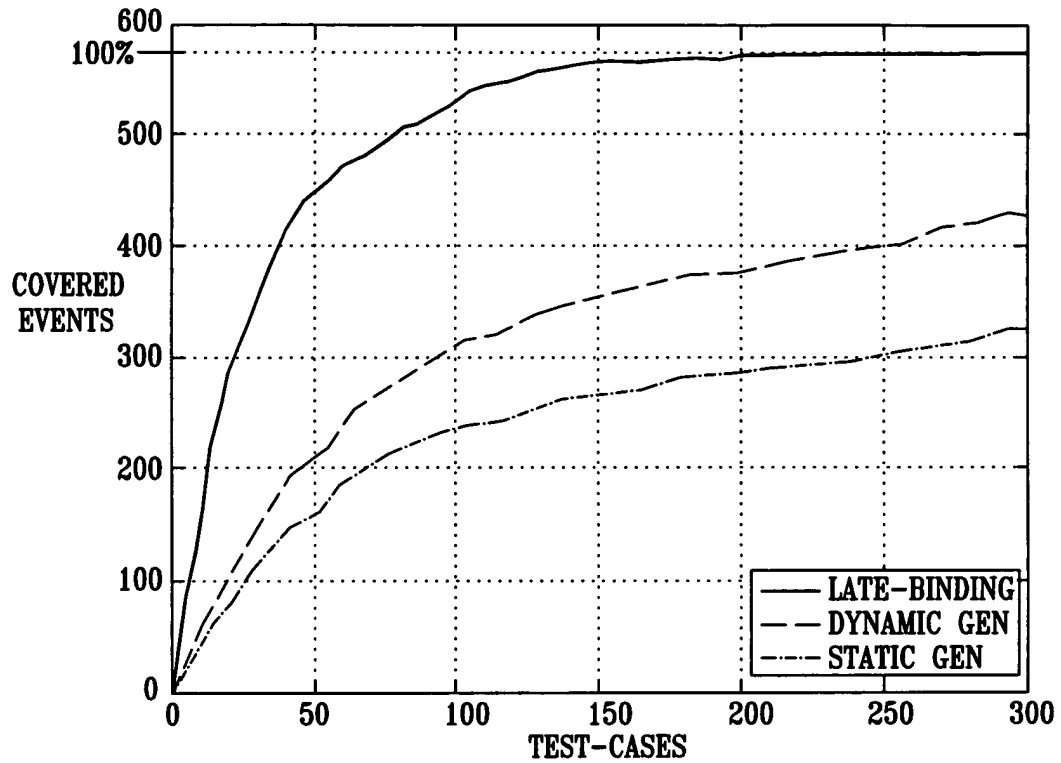


FIG. 7

	WITHOUT LATE-BINDING	LATE-BINDING NOT USED	LATE-BINDING USED
MODEL 1	20.5	22.1 (8%)	27.3 (33%)
MODEL 2	43.6	47.8 (10%)	54.3 (25%)

FIG. 8

